



DEPARTMENT 412

AGRICULTURE/HORTICULTURE BUILDING

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RICHARD BECKORT, Brownstown, IN — Flower Judge

DAVE GARRETT, Lafayette, IN — Flower Judge

DUANE MARTIN, Indianapolis, IN — Flower Judge

MARY WELCH-KEESEY, Indianapolis, IN — Flower Judge

JIM BARBOUR, Indianapolis, IN — Garden Collections and Potatoes Judge

MARY LOU HAYDEN, West Lafayette, IN — Garden Collections Judge

PAUL BAKER, Howe, IN — Single Vegetable Judge

MIKE BRAZEL, Kokomo, IN — Single Vegetable Judge

DR. LES HAFEN, West Lafayette, IN — Single Vegetable Judge

HANK STEVENS, Indianapolis, IN — Single Vegetable Judge

DORIS ALTHAUS, Greenfield, IN — Herbs Judge

SUE ARNOLD, Brownsburg, IN — Herbs Judge

PHIL CRAFT, Wilmore, KY — Bee Judge

All exhibitors entering the Fairgrounds on or after Wednesday, August 9, **must pay admission or an exhibitor ticket is required.** Any exhibitor leaving the Fairgrounds, wishing to return the same day **must** obtain a hand stamp from the gate attendant or pay admission to re-enter.

This policy will be strictly enforced.

4-H PROJECT AWARD SUMMARY

1. Blue, red or white ribbons awarded on quality of exhibit.
2. Honor ribbons may be given at the discretion of the judge.
3. An Indiana State Fair 4-H pin will be awarded to all exhibitors.
4. The Department Director will select one exhibit from Garden entries and one exhibit from Bee Keeping entries to participate in the Sale of Champions.

WEDNESDAY, AUGUST 16

6 pm - 4-H Sale of Champions - Pepsi Coliseum

Projects:	Number of exhibits each county may enter in each division
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Bee-keeping:

Division 1	1
Divisions 2-3	No limit (one per exhibitor)

Flowers:

Level A	4 (1 per class)
Level B	4 (1 per class)
Level C	7 (1 per class)
Level D	7 (1 per class)

Garden:

Collection	1 per exhibitor
Single	5 per exhibitor
Herb	3 per exhibitor
Educational exhibit	1 per county
Potato	1 per exhibitor

LABELING

1. Labels for all exhibits, to be exhibited in the agriculture/horticulture building, will be furnished by the state 4-H club office. These labels may be secured from your county extension office.
2. Fill out a label for each exhibit.
3. Attach the label to the exhibit according to instructions for that exhibit.
4. Information on the label should be printed or typed.

AGRICULTURE/HORTICULTURE DEPARTMENT 4-H EXHIBIT RELEASE

**SUNDAY, AUGUST 20 • 9-11 PM • NO VEHICLE TRAFFIC -
(Admission ticket required)**

MONDAY, AUGUST 21 • 8 am - Noon

All exhibits not called for by Noon, Monday, August 21, will be disposed of at the discretion of the director of the department. Any exhibit removed from display prior to the official release will be disqualified. Any placings and prizes (including ribbons, medals, trophies, etc.) awarded that exhibit will be forfeited. Entry times - see individual exhibit.

SECTION BK - BEE KEEPING

All exhibits in the 4-H bee project are due in the Agriculture/Horticulture Building between 9 am - 2 pm on Monday, August 7.

Create an exhibit that shows the public what you learned in the beekeeping project this year. Posters are to be displayed horizontally, sized 22" x 28", mounted on a firm backing (foam-core board or other), and covered in clear plastic or other transparent material. Choose one of the topics listed below, appropriate for your grade in school, and use that topic for your exhibit title, so the judges know which activity you completed. You can also use a creative sub-title if you wish.

Notes:

- There are no age specifications for beekeeping exhibits.
- No bee hives may be brought to the State Fair
- Honey water content will be measured.

DIVISION I

Youth may participate 1 to 2 years. See manual 4H-571. **One State Fair entry per county.**

CLASS DESCRIPTION

NO BEEHIVES WILL BE EXHIBITED.

Present one of the following topics on a poster, as specified above.

- 1 Display ten (10) pressed flowers of Indiana honey plants.
- 2 Uses of honey and beeswax.
- 3 Setting up a beehive.
- 4 Safe handling of bees.

DIVISION II

Youth may participate 1 to 2 years. See manual 4H 586. There is no limit on the number of exhibits a county may enter in division II, but only one (1) exhibit per 4-H member is allowed. Exhibit one (1) of the following:

CLASS DESCRIPTION

- 5 Extracted honey - two (2) 1-pound jars extracted honey should be shown in glass or clear plastic, screw-top jars, holding one pound of honey each.
- 6 Chunk honey - two (2) 1-pound jars (glass or clear plastic).

- 7 Cut comb honey - two (2) 1-pound boxes. (This is usually displayed in a clear plastic box about 4-1/2" x 4-1/2" x 1-1/2".)
- 8 Poster or Notebook - Present a topic to teach others about working with honey bees.

DIVISION III AND ABOVE

Youth may participate multiple years. See manual 4H 593. There is no limit to the number of exhibits a county may enter in division III and above, but only one (1) exhibit per 4-H member allowed. Exhibit two of the four kinds of honey or prepare an educational display.

CLASS DESCRIPTION

- 9 Display **two (2)** of the **four (4)** kinds of honey listed below:
 - a) Two (2) 1-pound jars (glass or clear plastic) of extracted honey
 - b) Two (2) 1-pound jars (glass or clear plastic) of chunk honey
 - c) Two (2) 1-pound boxes of cut comb honey
 - d) Two (2) sections of comb honey-(comb honey refers to honey built by bees in frames of wood commonly called "sections." These are usually about 4-1/2" x 4-1/2" in size.)
- 10 Poster or Notebook - Present a topic to teach fairgoers about working with advanced beekeeping methods.

SWEEPSTAKES

CLASS DESCRIPTION - DO NOT MAKE ENTRY IN THIS CLASS

- 11 Overall Bee Keeping Exhibit - rosette - 4-H Sale of Champions

SECTION FL - FLORICULTURE PROJECT

Each county may enter one (1) flower and plant exhibit per category per level and one (1) poster or notebook exhibit per level, and one (1) demonstration per exhibitor. Total entries allowed per county: Level A, three (3) flower and plant exhibits and one (1) poster/notebook; Level B, three (3) flower and plant exhibits and one (1) poster/notebook; Level C, six (6) flower and plant exhibits and one (1) poster/notebook; and Level D, six (6) flower and plant exhibits and one (1) poster/notebook.

Note to youth exhibitors: Each Level (A, B, C, D) of the Floriculture project serves more than one grade. You should do a DIFFERENT activity and exhibit each year that you are in the project. For example, if in 3rd grade you display a simple bud vase (category 1), in 4th grade you should choose a poster/notebook option or flower/plant exhibit from categories 2-3. You should also pay special attention to size guidelines for Flower and Plant Exhibits. Instructions for exhibits and related activities can be found in the 4-H Floriculture manuals, Levels A-D (4-H 966, 4-H 967, 4-H 968, and 4-H 969).

Notebook Guidelines

The notebooks should be a sturdy 3 ring binder (with stiff covers) or a bound type notebook (with stiff covers). No report covers or similar styles. Make sure the notebook accurately meets the guidelines and objectives of the activities in the manual. Information printed directly off the web will not be accepted. Materials included in the notebook need to be educational, both for the youth and the audience, and should demonstrate that the youth was able to take what he or she learned from their research (experiment, or on web, in library, etc) and/or activities to create the notebook. Pictures, graphics, and artwork are encouraged.

Poster Guidelines

Poster must meet dimensions 22" x 28", be displayed horizontally with stiff backing and must be covered with clear plastic. Identification included in the lower right corner (name, grade, county). Your poster should 'tell a story' or be informative to the audience. When designing your poster you should consider: lines, shapes, textures, colors and placement of items. Pictures, graphics and artwork are encouraged. Make sure the poster accurately meets the guidelines and objectives of the activities in the manual. Information printed directly off the web will not be accepted. Materials included in the poster need to be educational, both for the youth and the audience, and should demonstrate that the youth was able to take what he or she learned from their research (experiment, or on web, in library, etc) and/or activities to create the poster.

Each entry must be labeled with the following information: Name of exhibitor, county, level, and class. Obtain appropriate labels through your county extension office. Exhibits are due in the Agriculture/Horticulture Building between 9 am and 2 pm on Monday, August 7th.

Level A, Grades 3 and 4

Flower and Plant Exhibit Categories

CLASS DESCRIPTION

- A1 Create flower arrangement in a simple bud vase, provide your own vase, from cut flowers you grew in your garden. Vase must be no more than 9 inches tall by 3 inches wide, neck opening of vase not to exceed 1.5 inches and be clear or white only. Include 1-3 stems of a main flower, along with appropriate amount of filler flower and greenery.
- A2 Create flower arrangement in a simple bud vase, provide your own vase, from flowers you purchased. Vase must be no more than 9 inches tall by 3 inches wide, neck opening of vase not to exceed 1.5 inches and be clear or white only. Include 1-3 stems of a main flower, along with appropriate amount of filler flower and greenery.
- A3 Create a simple round arrangement (small, compact round cluster of flowers) with fresh flowers. Including the vase, must be no larger than 9"x 9" x 12" high.

Poster or Notebook Exhibits - choose any one(1) of the following topics:

CLASS DESCRIPTION

- A4 Chronicle your work in your flower garden (planning, planting, care, harvest, arrangement made with your flowers)
- A5 Describe how you planned or designed your garden, including how you chose the kinds of flowers.
- A6 Explain how you harvested your flowers, cared for them, and used them in an arrangement.
- A7 Explore and explain: pollination – what it is, why important, different ways it occurs or transplanting – what, how, things to watch out for; or role of insects with flowers (good, bad or both).
- A8 Explore and explain seed germination or how to care for a ‘sick’ plant
- A9 Report on interview with a professional (what do they do, types of jobs, type of training, hours worked, etc.)
- A10 Describe an experiment you did and the results
- A11 Describe a community service project you did related to your flowers project

Level B, Grades 5 and 6

Flower and Plant Exhibit Categories

CLASS DESCRIPTION

- B1 Display a mixed planter that may include herbs with foliage plants and/or flowering plants. The planter should include 3 or more kinds of plants and have been planted at least two months before the fair. If planter is rectangular, it must not exceed 8 inches in width and 18 inches in length. The container exhibit space must not exceed 18”x 18”. Must include attached record sheet chronicling the care of your plant.
- B2 Make an item with dried herbs or dried flowers that you grew yourself. Items to exhibit could be a dried flowers product, or a simple dried arrangement in a container (exhibit not to exceed 9” x 9” x 12”).
- B3 Display one house plant, foliage or flowering, in a container not to exceed 10 inches in diameter. There must be only one specimen plant per pot. A flowering plant may be of any color with single or double flowers. Must include attached record sheet chronicling the care of your plant.

Poster or Notebook Exhibits - choose any one(1) of the following topics:

CLASS DESCRIPTION

- B4 Report how you harvested your flowers and/or herbs, cared for them, dried them, and used them.
- B5 Explore and explain: insects and your flowers and/or herbs
- B6 Explore and explain: starting seeds indoors – the process and pros and cons

- B7 Explore and explain: perennials – what are they, how are they used, benefits or drawbacks
- B8 Investigate and describe: a butterfly garden- what types of plants, benefits to insects and butterflies, etc.
- B9 Describe how you planned or designed your garden, including how you chose the kinds of plants, any problems, successes
- B10 Describe your houseplant - how you cared for, transplanted to larger pot, any problems, or successes
- B11 Explore and explain: plant biology – form and function, growth, photosynthesis, etc.
- B12 Explore and explain: how to grow plants indoors – things to consider, common problems and solutions
- B13 Explore and explain: environmental effects related to plants (such as light, water, soil, or temperature)
- B14 Describe an experiment you did and the results
- B15 Explore and explain topics from “Imagine That” – plants around the world, information about different cultural uses of plants, different ways you used your plants/herbs/flowers

Level C, Grades 7, 8, & 9

Flower and Plant Exhibit Categories

CLASS DESCRIPTION

- C1 Display a terrarium. Size of the terrarium should be appropriate for use on a table at home, and no larger than 12” deep, 18” long and 16” high. Must have a cover while on exhibit. See activity information for design.
- C2 Display a combination or European planter. Exhibit a container of plants (3 or more kinds of plants) that you have planted and cared for, for a minimum of 2 months. See activity for information on plants and design. The container should not exceed exhibit space of 18” x 18”.
- C3 Create one (1) corsage or two (2) boutonnieres made from only fresh flowers, containing 3 or more blooms. NO artificial flowers or greenery should be used in this category. Bows and decorative items are okay.
- C4 Create one (1) corsage or two (2) boutonnieres made from silk or other artificial flowers and greenery. Can be created with mixed fresh and artificial materials, or all artificial.
- C5 A dried arrangement in a container or a specialty item (such as, but not limited to, a wreath or swag) made with dried flowers and plant materials. NO artificial or silk flowers or plant materials should be included. Bows and decorative items are okay. Maximum size 18”x18”, max height 24”.
- C6 Create a flower arrangement using either roses or lilies as the primary component of the arrangement. Arrangement should be made with all fresh materials (NO artificial, silk flowers or plant materials). Bows and decorative items are okay. Maximum size 18” x 18” x 18”.

Poster or Notebook Exhibits - choose any one(1) of the following topics:

Class Description

- C7 Explain how you planned, chose plants, cared for, transplanted to larger pot, etc. your combination planter or terrarium
- C8 Explore and explain: vegetative propagation – how to, different types, problems and solutions, different uses of
- C9 Explore and explain: plant nutrients – what are they, why does the plant need them, what happens if the plant has too much or too little, planters or containers vs. garden.
- C10 Investigate the design of multiple plant containers – how to, things to consider, selecting plant materials, uses of
- C11 Describe how you created your corsage or boutonnières; or dried arrangement. Be sure to include appropriate information on design principles and how they are used to create your arrangement.
- C12 Explore and explain: floral tools and materials (how to use, what they are, care of tools, different uses of a tool or material)
- C13 Explore and explain: preserving cut flowers – how, problems, uses of and/or diseases related to cut flowers
- C14 Illustrate, explore and explain how you dry flowers or other plant materials and/or describe different methods and/or how, why use them
- C15 Explore and explain: medicinal uses and toxicity of fresh and dried flowers and plants
- C16 Describe an experiment you did and the results
- C17 Describe a career exploration activity you did, such as job shadow, interview with a professional
- C18 Describe a community service activity you did related to your flowers project – what you did, why, results, etc.

Level D, Grades 10, 11, 12

Flower and Plant Exhibit Categories

Class Description

- D1 Create a seasonal arrangement from only fresh flower and/or plant materials. Flowers and plant materials specific to a season or holiday should be used. For example, fall mums or spring tulips. Maximum size 18"x18"x18". This category could include a traditional floral arrangement, but also items such as wreaths. Bows and decorative accessories are okay.
- D2 Create a seasonal arrangement that can include fresh in addition to dried, artificial or silk flower and/or plant materials. Flowers and plant materials specific to a season or holiday should be used. Maximum size 18"x18"x18". This category could include a traditional floral arrangement, but also items such as wreaths. Bows and decorative accessories are okay.
- D3 Create a modern or contemporary style arrangement using fresh flower and plant materials. See manual for suggestions. Maximum size 18"x18"x18". Include a label that states what type of design you have created (botanical, pavé, parallel, free-form, abstract, etc.)

- D4 Create a bridal bouquet. Proper display of the bouquet should be considered, but only the bouquet will be judged. Bouquet should include fresh plant materials. Bows and decorative accessories are okay.
- D5 Create a centerpiece for an event, such as a banquet, party, wedding, funeral, or church. Arrangement should be no larger than 24"x 24" x 24" and be made from EITHER fresh flower and/or plant materials; or dried, artificial or silk flower and/or plant materials. Bows and decorative accessories are okay.
- D6 Display a plant that you propagated (and grew and cared for) by tissue culture or other vegetative propagation methods, or flowering bulbs that you forced. Maximum pot size should not exceed 10" diameter. Must include attached record sheet chronicling the care of your plant.

Poster or Notebook Exhibits - choose any one(1) of the following topics:

CLASS DESCRIPTION

- D7 Describe how you created your arrangement, include information on the design principles utilized
- D8 Explore and explain how you utilize different flowers to make a similar style arrangement for different seasons (tulips in spring, mums in fall, etc.) or how to utilize similar flowers to make different styles of arrangements
- D9 Explore and explain: the cost of arrangement and/or a cost comparison with flowers (different types flowers, different time year, etc.)
- D10 Explore and explain: forcing flowers (bulbs, branches, etc.)
- D11 Explore and explain: marketing in the floral industry (large or small business) and/ or a market survey and results, and how they can benefit the floral industry
- D12 Explore and explain: how to start a business related to the floral industry and may include a business plan
- D13 Explore and explain the origins of flowers and/or the floriculture industry around the world
- D14 Explore and explain: tissue culture, biotechnology, or traditional breeding of new flower types – what are they, how are they used, pros and cons
- D15 Explore and explain: be a plant detective – what kinds of problems might you have in growing and caring for flowers, and how to solve
- D16 Describe an experiment you did and the results
- D17 Describe a community service activity you did related to your flowers project: how, why, results.

4-H Flowers are watered as needed, and every effort is made to maintain quality exhibits over the two week period of display.

4-H GARDEN

All garden entries are due in the Agriculture/Horticulture Building between 9 am - 2 pm, Monday, August 7.

Each 4-H club member may enter one (1) garden collection and not more than five (5) single vegetables, one (1) tray potatoes and/or three (3) herbs. All entries will be placed according to the Danish system.

All vegetables entered in these classes must have been produced by the 4-H club member in his/her garden project. Any exhibit which, in the opinion of the judge, has not been produced in a 4-H club garden will be disqualified.

Only 4-H members and extension educators will be allowed in the area reserved for arranging garden exhibits.

4-H Garden exhibits will be disposed of as decomposition merits. Vegetables entered for exhibit should be considered as "non-returnable" to the exhibitor due to their time-on-display and for lack of real food-value after two (2) weeks at the Indiana State Fair.

SECTION GC - GARDEN COLLECTION

See 4-H garden manuals and 4H-970-W for suggestions in preparing exhibits in this section.

CLASS DESCRIPTION

13 three (3) plates of three (3) different vegetables

14 four (4) plates of four (4) different vegetables

15 five (5) plates of five (5) different vegetables

In all three (3) classes, a display of garden flowers is optional. The vegetables are to be exhibited on paper plates. The plates will be furnished by the Indiana State Fair. Garden collection entries should be labeled with common name, latin name, and variety. The vegetables in all three (3) classes **MUST** be selected from the single vegetable list.

A collection exhibit will be lowered one (1) ribbon grade if two (2) or more vegetables of the same type are included.

In addition to the above list of vegetables, the exhibitors may include a display of not less than three (3) varieties of garden flowers in one (1) container, taken from those grown in your garden this year. Attractive flower displays should have flowers of different heights, colors that harmonize and varieties that stay nice for several days (Shade tolerant types do best over the two (2) week duration at the Indiana State Fair). **No** silk or artificial foliage may be used.

SWEEPSTAKES

CLASS DESCRIPTION - DO NOT MAKE ENTRIES IN THIS CLASS

16 Overall Garden Collection - rosette - 4-H Sale of Champions

SECTION SV - SINGLE VEGETABLE EXHIBIT

EACH 4-H CLUB MEMBER MAY ENTER NOT MORE THAN 5 SINGLE VEGETABLES. ALL ENTRIES SHALL BE JUDGED AND PLACED ACCORDING TO THE DANISH SYSTEM.

See 4-H-970-W, 4-H Garden Exhibit Requirement Supplement

www.four-h.purdue.edu, for suggestions in preparing exhibits in this section.

Vegetables are to be exhibited on paper plates provided by the Indiana State Fair. Entries should be labeled with name, county, common name of vegetable, and variety or cultivar of vegetable. Tags are available through County Extension Office or at the Fair the day of entry.

CLASS DESCRIPTION

- 1 Beans, green, 20 pods
- 2 Beans, lima-large-shelled-1/2 pint
- 3 Beans, lima-small-shelled-1/2 pint
- 4 Beans, navy, kidney, shell out, etc.-1/2 pint
- 5 Beans, wax, 20 pods
- 6 Beets with tops of approximately 1" or less, 5
- 7 Broccoli, 1 head
- 8 Cabbage, Chinese type, 1 head
- 9 Cabbage, flat type, 1 head
- 10 Cabbage, pointed type, 1 head
- 11 Cabbage, red type, 1 head
- 12 Cabbage, round type, 1 head
- 13 Cabbage, Savoy type, 1 head
- 14 Carrots with tops approximately 1/2" or less, 5
- 15 Cauliflower, 1 head
- 16 Celery, 1 bunch
- 17 Corn, bicolor, 5 ears
- 18 Corn, sweet-white, 5 ears
- 19 Corn, sweet-yellow, 5 ears
- 20 Cucumbers, dill, 5
- 21 Cucumbers, pickling, 5
- 22 Cucumbers, slicing, 5
- 23 Eggplant, 1
- 24 Kohlrabi, 5
- 25 Muskmelon, full slip, well netted, 1
- 26 Okra, 5 pods
- 27 Onions - red, 5
- 28 Onions - white, 5
- 29 Onions - yellow, 5
- 30 Parsnips, tops off, 5
- 31 Peppers, Bell type, 5

- 32 Peppers, Chili type (red or green), 5
- 33 Peppers, Hungarian type (green, yellow, or red), 5
- 34 Peppers, Pimento type (red), 5
- 35 Peppers, Cayenne type, 5
- 36 Peppers, Jalapeno type, 5
- 37 Peppers, Tabasco type, 5
- 38 Peppers, Habanera type, 5
- 39 Popcorn, new, 5 ears
- 40 Potato, other (yellow, blue, etc.), 5
- 41 Potato, red (Norland, Triumph), etc., 5
- 42 Potato, russett (Haig, Norgold, Superior), etc., 5
- 43 Potato, white, long type (Kennebec), etc., 5
- 44 Potato, white, oval type (Irish Cobbler), etc., 5
- 45 Potato, white, round type (Katahdin), etc., 5
- 46 Pumpkin, (other), 1
- 47 Pumpkin, Sugar Pie, 1
- 48 Pumpkin, Table, Canning, or Ornamental, 1
- 49 Radishes, 5
- 50 Rutabaga, 1
- 51 Squash, any other small varieties that are not listed but properly classified by variety, 1
- 52 Squash, Banana, and any other large varieties not listed but properly classified by variety, 1
- 53 Squash, Buttercups, Turbans, 1
- 54 Squash, Butternut, 1
- 55 Squash, Cushaw, 1
- 56 Squash, Scallops/Patty Pans, 1
- 57 Squash, Straightnecks, Crooknecks or similar varieties, 1
- 58 Squash, Table Queen or Acorn, 1
- 59 Squash, Zucchini, Cozelle or similar varieties, 1
- 60 Sweet potatoes, all varieties, 5
- 61 Tomatoes, pink or purple, 5
- 62 Tomatoes, red (for canning/red ripe), 5
- 63 Tomatoes, red (for market/pink ripe), 5
- 64 Tomatoes, Roma or puree type, 5
- 65 Tomatoes, intermediate type, 12
- 66 Tomatoes, small preserving or salad type varieties, 12
- 67 Tomatoes, yellow or orange, 5
- 68 Turnips, 5
- 69 Watermelon, icebox type, 1
- 70 Watermelon, long type, 1
- 71 Watermelon, round large type, 1

SECTION CT - CHAMPION PLATE OF TOMATOES

DO NOT MAKE ENTRIES IN THIS CLASS

- 1 Best Plate of tomatoes from classes 61-67 - rosette - \$250*

SECTION PO - POTATO

Trays will be furnished by the Indiana State Fair. Inside dimensions of trays for potatoes are approximately 12-1/2 x 18 inches; they will hold about 30 potatoes. Any variety may be exhibited.

CLASS DESCRIPTION - DO NOT MAKE ENTRIES IN THIS CLASS

- 1 Best individual exhibit (one (1) full tray of potatoes - minimum number 24 and maximum number 36). - rosette - \$250*

*Winning exhibitors in Sections CT & PO must contact the First Assitant of the Agriculture/Horticulture Department to get the appropriate paperwork for this monetary award.

SECTION SH - SINGLE HERB EXHIBIT

EACH 4-H CLUB MEMBER MAY ENTER NOT MORE THAN THREE (3) SINGLE HERBS. LABEL THE ENTRIES WITH COMMON AND LATIN NAMES. ALL ENTRIES SHALL BE JUDGED AND PLACED ACCORDING TO THE DANISH SYSTEM.

See 4-H-970-W and HO-28-W (Herb Gardening) for suggestions in preparing exhibits in this class.

CLASS DESCRIPTION

- 1 Basil (*Ocimum basilicum*) "all edible types"
- 2 Catnip (*Napeta cataria*) "all edible types"
- 3 Chamomile (*Chamaemelum nobile*) "all edible types"
- 4 Chives (*Allium schoenoprasum*) "all edible types"
- 5 Coriander or Cilantro (*Coriandrum sativum*) "all edible types"
- 6 Dill (*Anethum graveolens*)
- 7 Lavendar (*Lavendula* sp.) "all edible types"
- 8 Mint (*Mentha* sp.) "all edible types"
- 9 Oregano (*Origanum vulgare*)
- 10 Parsley (*Petroselinum crispum*) "all edible types"
- 11 Rosemary (*Rosemarinus officinalis*)
- 12 Sage (*Salvia officinalis*)
- 13 Sweet Marjoram (*Origanum majorana*)
- 14 Thyme (*Thymus vulgaris*) "all edible types"

Herbs should be displayed in pot size 8 inches diameter maximum. Containers should provide drainage and water retention (ex. saucer with pot). Each plant is judged as a separate exhibit.

Plants should have been in 4-H'er's care for at least three (3) months before State Fair exhibit.

SECTION GE - GARDEN EDUCATIONAL EXHIBITS

CLASS DESCRIPTION

- 1 **EACH COUNTY MAY ENTER ONE (1) (NOT NINE) EXHIBIT FROM THE FOLLOWING LIST OF EDUCATIONAL GARDEN ACTIVITIES (MAKE IT THE MOST EDUCATIONAL EXHIBIT).**
PLEASE LABEL POSTERS AS APPROPRIATE (EX. PICTURES, DIAGRAMS, ETC.)
 - a) Exhibit four (4) plates containing two (2) varieties of two (2) different kinds of vegetables in your garden. For example, display tomato Rutgers and tomato Roma on two (2) plates and spinach Melody and America on two (2) plates. Label the varieties you exhibit.
 - b) Exhibit and identify three (3) unusual vegetables (may or may not be discussed in your 4-H garden manual) you grew in your garden this year. If not listed in the vegetable display chart, check with your extension educator. Example: Spaghetti squash, head lettuce, cow pea.
 - c) A poster of the five (5) commonly found diseases in vegetable gardens, the damage caused by each, and the control of each.
 - d) A poster of the five (5) commonly found vegetable garden insects—either beneficial (good guys) and/or injurious (bad guys), benefits or damage caused by each, and the related management practices (how to keep the beneficial and how to control the injurious insects).
 - e) A poster of a maximum of ten (10) pests (diseases, insects, weeds and/or rodents) you found in your garden this year, damage caused, control measures used and results.
 - f) A poster explaining a current computer gardening program.
 - g) A poster showing a picture story of what you did in your garden this year. (Example: how you planned, planted and maintained your garden.)
 - h) A poster showing your financial record.
 - i) A poster of pictures showing your experiences in hydroponics.
 - j) Make a poster explaining various care or options working with vegetables/herbs.

4-H/FFA INVITATIONAL HORTICULTURE JUDGING CONTEST

JUNIOR AND SENIOR DIVISIONS

JIM COLE, Vevay, IN — Department Director

ROSIE LERNER, Purdue University — Extension Specialist - Horticulture

KATHRYN ORVIS, Purdue University — Extension Specialist - 4-H Youth/
Horticulture

NOTE: Entries for the contest listed below must be handed in Friday, August 4, to Kathryn Orvis in Ag/Hort Building.

SECTION HJ - JUDGING KNOWLEDGE AND IDENTIFICATION CONTEST

CLASS DESCRIPTION

- 1 The contest will be held Friday, August 4 in the Agriculture/Horticulture Building. Starting registration is at 9:00 am with contest beginning at 10 am. See current "4-H, FFA AG. JUDGING HANDBOOK" for terms and conditions.

Senior 4-H and FFA team members and the coach of the winning team will be awarded plaques, and the top three (3) teams will be awarded team plaques.

The winning 4-H senior team and FFA senior team will receive partial payment of trip expenses to attend the NJHA national convention and judging contest provided by the Indiana State Fair Board.

Purple participation ribbons will be awarded to all participants at registration time. The top five (5) senior teams will receive ribbons with team placing designated. The top four (4) senior individuals will be awarded plaques. Individuals placing 5th through 10th will be awarded rosettes with placing designations. These awards are given by the state 4-H/FFA judging committee.

Junior awards will be given as overall (4-H and FFA combined).